Val Leu Ile Thr Gly Ala Asn Ser Gly Leu Gly Arg Ala Thr Ala
50 55 60

Ala Glu Leu Leu Arg Leu Gly Ala Arg Val Ile Met Gly Cys Arg
65 70 75

Asp Arg Ala Arg Ala Glu Glu Ala Ala Gly Gln Leu Arg Arg Glu
80 85 90

Leu Arg Gln Ala Ala Glu Cys Gly Pro Glu Pro Gly Val Ser Gly
95 100 105

Val Gly Glu Leu Ile Val Arg Glu Leu Asp Leu Ala Ser Leu Arg
110 115 120

Ser Val Arg Ala Phe Cys Gln Glu Met Leu Gln Glu Glu Pro Arg
125 130 135

Leu Asp Val Leu Ile Asn Asn Ala Gly Ile Phe Gln Cys Pro Tyr
140 145 150

Met Lys Thr Glu Asp Gly Phe Glu Met Gln Phe Gly Val Asn His
155 160 165

Leu Gly His Phe Leu Leu Thr Asn Leu Leu Leu Gly Leu Leu Lys
170 175 180

Ser Ser Ala Pro Ser Arg Ile Val Val Val Ser Ser Lys Leu Tyr
185 190 195

Lys Tyr Gly Asp Ile Asn Phe Asp Asp Leu Asn Ser Glu Gln Ser
200 205 210

Tyr Asn Lys Ser Phe Cys Tyr Ser Arg Ser Lys Leu Ala Asn Ile
215 220 225

Leu Phe Thr Arg Glu Leu Ala Arg Arg Leu Glu Gly Thr Asn Val
230 235 240

Thr Val Asn Val Leu His Pro Gly Ile Val Arg Thr Asn Leu Gly
245 250 255

Arg His Ile His Ile Pro Leu Leu Val Lys Pro Leu Phe Asn Leu
260 265 270

Val Ser Trp Ala Phe Phe Lys Thr Pro Val Glu Gly Ala Gln Thr
275 280 285

Ser Ile Tyr Leu Ala Ser Ser Pro Glu Val Glu Gly Val Ser Gly
290 295 300

Arg Tyr Phe Gly Asp Cys Lys Glu Glu Glu Leu Leu Pro Lys Ala
305 310 315

Met Asp Glu Ser Val Ala Arg Lys Leu Trp Asp Ile Ser Glu Val
320 325 330

Met Val Gly Leu Leu Lys

<210> 304
<211> 521
<212> DNA
<213> Homo sapiens

<220>
<221> unsure
<222> 20, 34, 62, 87, 221, 229
<223> unknown base

<400> 304
ggggattgta aagaggaagn actgtgccca aagntatgga tgaatctgtt 50

gcaagaaaat tntgggatat cagtgaagtg atggttngcc tgctaaaata 100

ggaacaagga gtaaaagagc tgtttataaa actgcatatc agttatatct 150

gtgatcagga atggtgtgga ttgagaactt gttacttgaa gaaaaagaat 200

tttgatattg gaatagcctg ntaagaggna catgtgggta ttttggagtt 250

actgaaaaat tatttttggg ataagagaat ttcagcaaag atgttttaaa 300

tatatatagt aagtataatg aataataagt acaatgaaaa atacaattat 350

attgtaaaat tataactggg caagcatgga tgacatatta atatttgtca 400

gaattaagtg actcaaagtg ctatcgagag gtttttcaag tatctttgag 450

tttcatggcc aaagtgttaa ctagttttac tacaatgttt ggtgtttgtg 500

tggaaattat ctgcctggct t 521

<210> 305
<211> 24
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide probe

<400> 305
ccaggaaatg ctccaggaag agcc 24

<210> 306
<211> 26
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide probe

<400> 306
gcccatgaca ccaaattgaa gagtgg 26

<210> 307

<211> 45
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide probe

<400> 307
aacgcaggga tcttccagtg cccttacatg aagactgaag atggg 45

<210> 308
<211> 1523
<212> DNA
<213> Homo sapiens

<400> 308
gagaggacga ggtgccgctg cctggagaat cctccgctgc cgtcggctcc 50

cggagcccag ccctttccta acccaaccca acctagccca gtcccagccg 100

ccagcgcctg tccctgtcac ggaccccagc gttaccatgc atcctgccgt 150

cttcctatcc ttacccgacc tcagatgctc ccttctgctc ctggtaactt 200

gggtttttac tcctgtaaca actgaaataa caagtcttgc tacagagaat 250

atagatgaaa ttttaaacaa tgctgatgtt gctttagtaa atttttatgc 300

tgactggtgt cgtttcagtc agatgttgca tccaattttt gaggaagctt 350

ccgatgtcat taaggaagaa tttccaaatg aaaatcaagt agtgtttgcc 400

agagttgatt gtgatcagca ctctgacata gcccagagat acaggataag 450

caaataccca accctcaaat tgtttcgtaa tgggatgatg atgaagagag 500

aatacagggg tcagcgatca gtgaaagcat tggcagatta catcaggcaa 550

caaaaaagtg accccattca agaaattcgg gacttagcag aaatcaccac 600

tcttgatcgc agcaaaagaa atatcattgg atattttgag caaaaggact 650

cggacaacta tagagttttt gaacgagtag cgaatatttt gcatgatgac 700

tgtgcctttc tttctgcatt tggggatgtt tcaaaaccgg aaagatatag 750

tggcgacaac ataatctaca aaccaccagg gcattctgct ccggatatgg 800

tgtacttggg agctatgaca aattttgatg tgacttacaa ttggattcaa 850

gataaatgtg ttcctcttgt ccgagaaata acatttgaaa atggagagga 900

attgacagaa gaaggactgc cttttctcat actctttcac atgaaagaag 950

atacagaaag tttagaaata ttccagaatg aagtagctcg gcaattaata 1000

agtgaaaaag gtacaataaa ctttttacat gccgattgtg acaaatttag 1050